

November 5, 1964

Mr. J. Floyd Barnett
568 - 16th Street
Ogden, Utah

Dear Mr. Barnett:

Your letter of October 21, 1964 requesting instructions in regard to the Ogden Bench rights and to Change Application No. a-3938 is acknowledged.

Change Application No. a-3938 was filed to change 2.1 cfs. high water and 1.5 cfs. low water or 71% of the total right as shown in Award 15 of the Ogden River Decree. In arriving at a usable figure to compensate the Ogden River water users for loss induced by this change, the following basis was used:

		Description of Right			
Award		Cfs. of Right		Use	
		High	Low	Irrigation	Municipal
		Cfs.	Cfs.	Acres	
Brown Book	Claim 728	2.11	2.11	105.5	---
Ogden River Decree	Award 15	2.75	2.11	502.0	
A-3938	Application	2.10	1.53	---	All

The following breakdown was applied:

Water Diverted	Water Losses		Available for Storage
	Ditch Loss	Surface Loss	
Cfs.			Cfs.
2.10	10 %	10 %	1.68
1.53	10 %	10 %	1.22

You should apply a deduction of 20% against the water available under this right. Storage in Pine View Reservoir would then be allowed at the reduced rate.

We are aware that this figure is projected back into the past and is subject to review. If any additional data is available, we will be happy to consider it.

Yours very truly,

DCM/vh

Wayne D. Criddle
STATE ENGINEER

Oct 21, 1964

Mr. Don Rossenth:
Distribution Engineer.
State Capital.
Salt Lake City, Utah.

[Handwritten signature]

Dear Sir:

This letter is in response to our discussion on the afternoon of Oct. 20th concerning the application of Ogden City # 3938 & # 3940. On Sept 7 Ogden City requested that the Ogden Bench canal water under this application be delivered to the Filtration Plant in Ogden Canyon. This water was delivered until Sept 15 when the releases to the Ogden River were discontinued. If 100 % of this water was to be delivered it would amount to 85.5 ac. ft.

Section 8 of said application states that the portion of the water allotted shall be determined by the State Engineer. No records to determine the amount are available, so we will be forced to give an approximation of the water returned to users below on the lower Ogden River. The Ogden Bench canal ran one and one half miles from the mouth of Ogden Canyon to place of use on the bench above the Ogden River. From my experience in delivering this water during the seasons 1943, 44 & 45 this loss from the canal was a very large part. Only about 3 to 4 cfs out of 5 I would estimated reached the place of use. Some of this water must have returned to the river even that part used would filter back to the stream. Because it was used on the high East Ogden Bench above the river, much water would return to the river and become part of the return flow to canals on the lower Ogden River.

In the light of my experience I would recommend that we discount the deliveries of this water by at least 15%.

Respectfully

J. Floyd Barnett (Ogden R. Commissioner)